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FEVER & ANALGESIA

- Paracetamol
  - IV → 10 mg/kg/dose
  - oral → 15 mg/kg/dose 4-6 hrly (max-60mg/kg/day)
  - Drops (100/1)
  - (120/5) (240/5)
  - Brands: CROCIN, CALPOL
  - short cut to calculate ml ⇒ Weight × 0.3
  - Give Drops for <10kg wt.

- Mefenamic Acid → 5-8 mg/kg/dose (Anti-pyretic effect dose)
  - Brand: MEFTAL-P (100/5)
  - give with food
  - Donot use for >7 days
  - Avoid in children ⊂ Seizures
  - Stop if c/o diarrhoea/Skin Rash.

- IBUPROFEN → 5-10 mg/kg/dose Q6-8hrly
  - IBUGESIC PLUS (100/5)
  - (max. dose: 40 mg/kg/24hrs)

- DICLOFENAC → 1-3 mg/kg/day Q8hrly oral/IM
  - (Inj. DYNAPAR)

- NAPROXEN → 5-7 mg/kg/dose Q8-12hrly oral

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VOMITING

- **Domperidone** → 0.2 - 0.4 mg/kg/dose → 4 - 8 hrly
  (max. dose - 80 mg daily)
  - Drops (10 mg/1 ml) — 1 drop = 0.05 ml
  - Syrup (1 mg/1 ml)

- **Ondansetron** → c/I in children < 3 yrs (2/5)
  - Oral dose
    - < 4 yrs : 2 mg 4 hrly
    - 4 - 11 yrs : 4 mg 4 hrly
    - > 12 yrs : 8 mg 4 hrly
  - IV dose
    - > 3 yrs : 0.15 - 0.45 mg/kg/dose

ACIDITY

- **RANTAC** → 2 mg/kg/dose oral BD
  Syp. (75/5) [wt x 0.13] ml

- **PANTOP** → 1 mg/kg/day (max : 40 mg) IV OD
- **LANZOL** → 1 mg/kg/day oral OD
  Tabs → 15 mg, 30 mg

Anti-Histaminics

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- **Cetrizine** → Avoid below 6 months of Age
  - 6 months - 2yrs : 2.5 mg OD
  - 2-6 yrs : 2.5 mg BD / 5mg OD
  - >6 yrs : 5-10 mg oral OD
- **Levocetrizine** → Avoid below 2yrs of Age
  - 2-6 yrs : 0.125 mg/kg/day single dose
  - >6 yrs : 2.5 mg single/two doses.
- **Montelukast**
  - 6 months - 5yrs : 4 mg HS
  - 6-14 yrs : 5 mg HS
  - ≥15 yrs : 10 mg HS

Montair-LC Kid
5ml → 4mg Montelukast
↓
2.5 mg Levo-Cetrizine

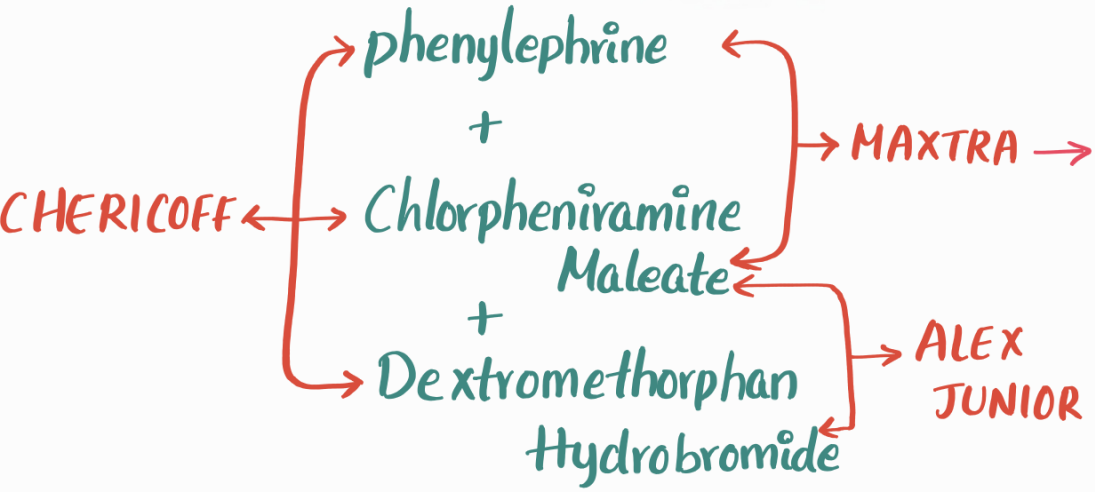
- **Chlorpheniramine Maleate** : 0.35 mg/kg/day 4-6 hrly
  - 1-6 yrs : 1mg
  - 6-12 yrs : 2 mg
  - >12 yrs : 4 mg

  | 4-6 hrly

ATARAX → 2mg/kg/day
(Hydroxyzine Hydrochloride) (10/5)
↓
Q6 hrly

- Chericoff
- Maxtra
- Alex Junior

Weight / 4 TDS
1-3 yrs : 2.5 ml
3-5 yrs : 5 ml



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Bronchodilators

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- Neb. Levosalbutamol → 0.075 mg/kg 2-3 times/day
  (0.31, 0.63, 1.2 mg) ↳ in >6months old
- Ipratropium Bromide
  - < 2 yrs : 250 µg
  - > 2 yrs : 500 µg
- Neb. BUDATE (Budesonide)
  - <6 months : 0.25 mg BD
  - >6 months : 0.5 mg BD
- HYPER NEB. 4ml TDS
- NEB. ADR 0.5ml/kg
  ↳ in <6months old
  - LEVOLIN MDI → 50 µg/puff
  - DUOLIN MDI → 50 µg levosalbutamol + 20 µg Ipratropium } per puff
  - ROTACAPS → 100 µg levosalbutamol + 40 µg Ipratropium Bromide
    respules (0.31, 0.63, 1.25mg)
  - DUOLIN RESPULES → 1.25 mg levosalbutamol + 500 µg Ipratropium Bromide } per 2.5ml

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ANTI-SPASMODICS

- Drotaverin → 1-2 mg/kg/dose TDS
  (syp. Drotin (20/5))
  - 1-6 yrs : 20 mg
  - > 6 yrs : 40 mg

  | 3 times/day

- Dicyclomine → Avoid below 6 months
  - 6 months - 2 yrs : 10-20 drops 15 mins before feeds
  - > 2 yrs : 1 ml every 6 hrs

  (Brand : COLISPAS)

- COLICAID Drops
  (Diastase, Pepsin C, Simethicone)
  - < 1 year : 0.5 - 1 ml OD/BD
  - > 1 year : 1 ml OD/BD

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SUPPLEMENTS

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- FERRONIA → Drops (10/1)
  → Syrup (30/5)
  } 3-6 mg/kg/day BD/TDS
  Start ē lower dose.
  - XT (Ferrous Ascorbate)
  - MAX (Ferrous Ascorbate, Folic Acid, & Methylcobalamine)
- CALCIMAX-P → Advise based on Calcium dose
  (calcium, phosphorus, Magnesium, zinc - Vitamin-D_3)
  → Syrup (300/10)
  CALCIUM → 80-100 mg/kg/day
- BEVON (Multi Vitamin, Multi Mineral & Anti Oxidants)
  → Drops → 0.5 ml BD
  → Syrup → 5 ml OD/BD
- BETONIN (Lysine, Zinc & Multivitamins)
- Becosule Syrup → 5 ml OD
  (B-Complex ē Vitamin-C)

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- ZINC → < 6 months : 10 mg
  → > 6 months : 20 mg
  | x 14 days

  - Syp. ZINC (20/5)
  - Z & D Drops (20/1)

VITAMIN-D3

Maintainance dose : 400 IU/day

Deficiency States : 6,00,000 IU IM single dose

(or)

60,000 daily for 10 days/
weekly for 10 weeks

Brand : VITANOVA

- Drops (800 IU)
- Sachet (60,000 IU)
- Nano (60,000 IU)
- SG (60,000 IU)
  ↳ Gelatin Capsules

CONSTIPATION

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- SYP. LACTULOSE → HS OD
  - < 2 yrs : 5-10 ml (max : 20 ml)
  - > 2 yrs : 10 ml (max : 30 ml)

  Brand : LOOZ

- SYP. PEGCLEAR (polyethylene glycol, Nacl, KCl, Sodium Hydrogen Carbonate) HS
  (13g/25ml)

  - Disimpaction dose → 1.5 g/kg/day × 3 days
  - Maintainance dose → 0.7 g/kg/day (max. dose : 17.5 g/day)

- Always dilute PEGCLEAR with double amount of water.
- c/I in < 2 yrs.

- LAXOPEG → 1 Sachet HS
  (polyethylene Glycol - 17g)

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PROBIOTICS

- Enterogermina (Respules) → 1 Respule BD
  (Bacillus Clausii Spores)
- DAROLAC Sachet → 1 Sachet BD
  (Lactobacillus, Bifidobacterium, Saccharomyces)
- ECONORM Sachet → 1 Sachet BD
  (Saccharomyces Boulardii)

DEWORMING → Once/Twice in a year.

- ALBENDAZOLE → < 2 yrs : 200 mg
  (200/5) (400/10) → > 2 yrs : 400 mg | stat dose HS

  SYP. ZENTEL

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Diaper Rash:

- SILODERMA MIXI ointment (clotrimazole, Neomycin Beclomethasone)
- RASH FREE ointment (Zinc Oxide)
- Himalaya Baby Rash Relief Cream (Zinc Oxide ± Cow ghee)

→ Local Application Q6-8hrly

CANDIDIASIS

- CANDID MOUTH Paint → drops → 1 drop Q6-8hrly
  it spreads all over mouth.

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ANTIBIOTICS

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- CEFIXIME → 8 mg/kg/day OD/BD. (50/5) (100/5) → Oral
  For Enteric Fever: 20mg/kg/day OD/BD
  Brands: ZIFI, Taxim-O.
- CEFTRIAXONE: 100 mg/kg/day IV OD/BD
  Brands: MONOCEF, CEFAXONE
- CEFPODOXIME: 10mg/kg/day oral BD (max: 400mg/day)
  Brands: MONOCEF-O (50/5) (100/5)
- CEFOTAXIME: 50mg/kg/dose TDS
- VANCOMYCIN: 20mg/kg/dose TDS
- LINEZOLID: 10mg/kg/dose TDS IV/oral
  Syp. (100/5)
- METROGYL: 10mg/kg/dose TDS
  Syp. (100/5)

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- AZITHROMYCIN : 10 mg/kg/day Oral OD → Day-1
  (100/5) (200/5) 5 mg/kg/day → next 4 days.

Enteric fever : 20 mg/kg/day x 7-14 days

Cholera : 20 mg/kg single dose

Brands : Azee, Azithral.

- MEROPENEM : 60 mg/kg/day IV Q8hrly

Neonatal Sepsis : 20 mg/kg/dose Q12hrly

Meningitis : 40 mg/kg/dose Q 8hrly

- FAROPENEM : 15 mg/kg/day Q 8hrly
  (100/5)

- COTRIMOXAZOLE :

(Trimethoprim + Sulfamethoxazole)

5-8 mg/kg of TMP (or)

25-50 mg/kg of SMZ/day oral/IV BD.

Typhoid Fever : 10 mg/kg/day BD

UTI prophylaxis : 1-3 mg/kg/day single dose

C/I : Age <6 weeks, G-6-PD deficiency.

Brands : SEPTRAN → 5ml Syrup → 40 mg TMP, 200 mg SMX

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- AMOXICLAV : 90 mg/kg/day oral/IV BD
  (Brands : AUGMENTIN DUO/DDS
  ↓ (228/5) ↓ (457/5)

c/I : Jaundice, Hepatic Dysfunction, Pencillin Allergy.

- LEVOFLOXACIN : 10 mg/kg/dose OD IV/oral
  max. dose : 500 mg

Caution : Avoid concurrent use of Antacids.

- OFLOXACIN : 15 mg/kg/day BD oral
  5-10 mg/kg/day BD IV
- CLINDAMYCIN : 20-30 mg/kg/day oral
  20-40 mg/kg/day IV } 6-8 hrly

Dilute for Slow infusion over 30 mins

- AMIKACIN → 15 mg/kg/day IV OD/BD
- PIPTAZ → 100 mg/kg/dose IV TDS
- TEICOPLANIN → 10 mg/kg/dose
  Q 12 hrly for 3 doses
  then Q 24 hrly.

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ANTI-EPILEPTICS

. LEVETIRACETAM

loading dose : 60 mg/kg in 20ml NS

Maintainance dose : 10 mg/kg/dose TDS

(start after 12 hrs)

. LORAZEPAM → 0.05 - 0.1 mg/kg/dose over 2-5 min IV/IM

(max dose → 4 mg) may repeat after 10-15 min

. MIDAZOLAM → 0.1 mg/kg/dose IV stat

↳ 0.2 mg/kg/dose intranasal

Midaz Nasal Spray : (0.5 mg/puff)

- 5 kgs → 1 puff each nostril
- 10 kgs → 2 puffs each nostril
- 15 kgs → 3 puffs each nostril

. CLOBAZAM → 0.5 - 1 mg/kg/day BD (max dose : 20 mg/day)

. Sodium Valproate → 20 - 40 mg/kg/day

. Phenobarbitone → 3-5 mg/kg/day

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- Prednisolone → 2 mg/kg/day BD
  - IV
    - MPS
  - Oral
    - Brands → Omnacortil (5/5)
    - Brands → Omnacortil Forte (15/5)

- DEXAMETHASONE → 0.5 mg/kg/dose Q6hrly IV
  (Usual dose → 4-12 mg)
  for shock & Cerebral Edema

- TRICLOFOS → 50 mg/kg/dose
  (Brand: Pedicloryl (500/5))

  Short cut to calculate ml ⇒ $\frac{\text{Weight}}{2}$

- Used for Sedation in children.

- Ketamine → 1 mg/kg

- TOBRAMYCIN Eye drops → 1 drop Q6hrly

- ATARAX lotion → Local Application Q6hrly.

- SUCRALFATE → 10 mg/kg BD/TDS
  (Brand: SUCRAFIL-O)

DISCOUNT CODE
Medsynapse Academy:
OSM
Prepladder:
'OSM3'
Discount
Code
Cerebellum Academy:
'OSM1'

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